

Protocol for Induction

Pick the E.coli colonies into LB broth culture them until the solution becomes turbid. This is done at 37°C.

Dilute the E. coli solution until the OD600 reaches 0.2.

Add 200ul E. coli solution with a gradient of concentration of IPTG (i.e. 0mM, 0.2mM, 0.5mM, 1mM, 2mM, 5mM and 10mM) into 96-well plate.

Put the 96-well plate into ELIASA and culture at 220rpm and 37°C for 10 hours and measure the OD595 every 5 minutes.